

Table 2. Spearman correlation coefficients for Sedimentation vs. SSY, and Sedimentation vs. Waves.

|             | <b>Total</b> | <b>Terrigenous</b> | <b>Terrigenous+Organic</b> | <b>Carbonate</b> |
|-------------|--------------|--------------------|----------------------------|------------------|
| P1A         |              |                    |                            | w: 0.721         |
| P1B         | w: -0.617    | w: -0.633          | w: -0.633                  |                  |
| P1C         |              |                    |                            |                  |
| P2A         |              |                    | w: -0.527                  |                  |
| P2B         |              |                    |                            |                  |
| P2C         |              |                    |                            |                  |
| P3A         |              |                    |                            |                  |
| P3B         | w: -0.806    |                    |                            |                  |
| P3C         |              |                    |                            |                  |
| North_Pods  |              |                    | ssy:-0.573                 |                  |
| South_Pods  |              |                    |                            |                  |
| T1A         | w: 0.600     |                    |                            | w: 0.717         |
| T1B         | w: 0.750     |                    |                            | w: 0.833         |
| T1C         | w: 0.973     | w: 0.682           | w: 0.755                   | w: 0.945         |
| T2A         | ssy:0.555    |                    |                            | ssy:0.545        |
| T2B         |              |                    |                            | ssy:0.629        |
| T2C         | w: 0.936     |                    |                            | w: 0.952         |
| T3A         | w: 0.900     | w: 0.545           | w: 0.564                   | w: 0.873         |
| T3B         | w: 0.891     |                    |                            | w: 0.955         |
| T3C         |              | ssy:-0.627         | ssy:-0.573                 |                  |
| North_Tubes | w: 0.700     |                    |                            | w: 0.818         |
| South_Tubes | w: 0.864     |                    | w: 0.545                   | w: 0.927         |